

Name _____ Date _____ Hour _____

Solving Systems of Equations with the Elimination Method Day 1

Use Elimination to solve each system. Check your solution for problems 1 – 4. ☺

$$\begin{array}{rcl} 1) & x + y & = 11 \\ & x - y & = 7 \end{array}$$

$$\begin{array}{rcl} 2) & x - 2y & = 8 \\ & -x + 3y & = -15 \end{array}$$

Check your solution:

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$$\begin{array}{rcl} 3) & x + y & = 5 \\ & x - y & = 7 \end{array}$$

$$\begin{array}{rcl} 4) & 2x - 3y & = -16 \\ & x + 3y & = 10 \end{array}$$

Check your solution:

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$$\begin{array}{rcl} 5) & 3x + y & = 6 \\ & -3x + 4y & = 9 \end{array}$$

$$\begin{array}{rcl} 6) & x - 4y & = 14 \\ & -x + 3y & = -11 \end{array}$$

$$\begin{array}{rcl} 7) & -3x + 8y & = 6 \\ & 18x - 8y & = -36 \end{array}$$

$$\begin{array}{rcl} 8) & -2x + 6y & = 2 \\ & 2x - 6y & = 4 \end{array}$$

$$\begin{array}{rcl} 9) & 2x - y & = -3 \\ & -5x + y & = 9 \end{array}$$

$$\begin{array}{rcl} 10) & 3x - 12y & = 33 \\ & 4x + 12y & = -12 \end{array}$$